

Long-awaited rains return to the Greater Horn of Africa, while little to no rain falls over western Kenya

Abundant rainfall (> 50mm) was observed locally over southwestern Ethiopia and portions of southeastern Sudan during the past seven days (**Figure 1**). Heavy rains were also recorded over local areas in northeastern Ethiopia, southern Somalia, southeastern Kenya, and the Lake Victoria regions in northwestern and eastern Tanzania during the past week. In Somalia, this marked the onset of the April-June, *Gu* rainfall season over cropping areas in the south, where no rainfall has been recorded since the end of last year. In contrast, little to no rainfall was observed over the *belg* cropping areas of central and eastern Ethiopia, pastoral areas of northwestern Kenya, and cropping areas of northern Uganda during the past seven days. While the onset of the rainfall season helps to neutralize rainfall shortages over localized areas, the poor distribution of rainfall is likely to enhance moisture deficits over areas severely-hit by the prolonged dry spells.

During the last thirty days, developing dryness has settled in across regions of the Greater Horn of Africa, including southern and northeastern parts of Ethiopia, southern Somalia, Kenya, southern Sudan, and northern Uganda, with moisture deficits ranging between 50-100mm (**Figure 2**). In southern and northeastern Ethiopia, below-average rainfall has resulted in rainfall deficits exceeding 50mm during the past thirty days. Compared to the previous week, rainfall deficits have not only increased in magnitude but also expanded in spatial extent across these regions due to the delay and poor distribution of the rainfall season. On the other hand, seasonal rainfall amounts were recorded locally in southwestern Ethiopia, southeastern Sudan, southeastern Uganda, and southeastern Kenya during the past thirty days.

For the upcoming seven days, widespread, though moderate to heavy (20-50mm) rainfall is expected over eastern Africa region, including southwestern Kenya and southwestern Uganda.

Late start to the rainfall season affects crop conditions in Ethiopia

The Water Requirement Satisfaction Index (WRSI) during the 1st dekad of April shows many areas in western and northeastern Ethiopia, where the March-Nov rains are much needed (**Figure 3**). This has resulted from the delayed onset and uneven distribution of rainfall since the beginning of the season. However, good cropping conditions were observed over local areas in the SNNPR and western Oromiya region in southwestern Ethiopia. These regions, not surprisingly, coincide with areas characterized by marginal moisture surpluses during the last thirty days. Nevertheless, the persistence of the poorly distributed rainfall could rapidly deteriorate positive WRSI conditions and ultimately affect the long-rain crop production.

Note: The hazards assessment map on page 1 is based on current weather/climate information and short and medium range weather forecasts (up to 1 week). It assesses their potential impact on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed. The boundaries of these polygons are only approximate at this continental scale. This product does not reflect long range seasonal climate forecasts or indicate current or projected food security conditions.

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